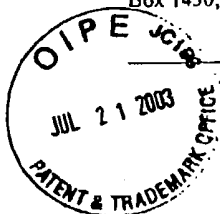


CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on 7/15/03



John Schwartz

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PATENT

Attorney Docket No. 39750-0001A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

PATENT APPLICATION

Inventor(s): Daniel Erlanson, et al.

Art Unit: 1626

Application No.: 09/990,421

Examiner: To Be Assigned

Filed: November 21, 2001

Title: Extended Tethering Approach for Rapid
Identification of Ligands

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Listed below or on an attached Form PTO-1449 is information known to applicant(s). A copy of each listed publication and U.S. and foreign patent, except for pending U.S. applications, is being submitted herewith, along with a concise explanation of information in a foreign language, if any, pursuant to 37 C.F.R. §1.97-1.98.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. If form PTO-1449 is enclosed, the Examiner is requested to initial and return it in accordance with MPEP §609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

- ☒ This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):
- ☐ (1) It is being filed within 3 months of the application filing date and is other than a continued prosecution application under § 1.53(d)
-- OR --
 - ☐ (2) It is being filed within 3 months of entry of a national stage
-- OR --
 - ☒ (3) It is being filed before the mail date of the first Office Action on the merits
-- OR --
 - ☐ (4) It is being filed before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.
- ☐ 37 C.F.R. §1.97(c). If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; or (3) the mailing date of a first Office action on the merits, but before the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, then:
- ☐ a certification as specified in §1.97(e) is provided below; or
 - ☐ a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.
- ☐ 37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, but before payment of the issue fee, then:
- A. a certification as specified in §1.97(e) is completed below; and
 - B. a petition under 37 C.F.R. §1.97(d) requesting consideration of this statement is submitted herewith; **and**
 - C. a fee of \$130.00 as set forth in §1.17(i)(1) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.
- ☐ **Fee Authorization.** The Commissioner is hereby authorized to charge the above-referenced fees of \$0.00 and charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 08-1641 (Docket No. 39750-0001A).

Respectfully submitted,

HELLER EHRMAN WHITE & MCAULIFFE LLP

Dated: July 15, 2003

By: Sam L. Nguyen

Sam L. Nguyen, Reg. No. 52,496

275 Middlefield Road
Menlo Park, CA 94025-3506
(650) 324-7000
Customer No. 25213

SUNESIS.001A



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Erlanson et al.) Group Art Unit 1626
App. No. : 09/990,421)
Filed : November 21, 2001)
For : AN EXTENDED)
TETHERING APPROACH)
FOR RAPID)
IDENTIFICATION OF)
LIGANDS)

Examiner : Unknown

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

United States Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

Dear Sir:

Enclosed is form PTO-1449 listing 1 reference ^{is} that ~~are~~ also enclosed. This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: July 12, 2002

By: Adeel S. Akhtar
Adeel S. Akhtar
Registration No. 41,394
Attorney of Record
620 Newport Center Drive
Sixteenth Floor
Newport Beach, CA 92660
(415) 954-4114

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. SUNESIS.001A	APPLICATION NO. 09/890,421
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Erlanson, et al.	
		FILING DATE November 21, 2001	GROUP 1636

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JLE	1.	WO 99/49314	9/30/99	PCT				

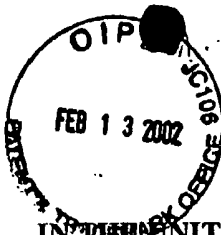
EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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EXAMINER	<i>[Signature]</i>	DATE CONSIDERED	6/1/01
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Applicant : Erlanson et al.) Group Art Unit 1626
App. No. : 09/990,421)
Filed : November 21, 2001)
For : AN EXTENDED)
THETHERING APPROACH)
FOR RAPID)
IDENTIFICATION OF)
LIGANDS)

Examiner : Unknown

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Enclosed is form PTO-1449 listing 48 references that are also enclosed. This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: January 24, 2002

By: [Signature]

Ginger R. Dreger
Registration No. 33,055
Attorney of Record
620 Newport Center Drive
Sixteenth Floor
Newport Beach, CA 92660
(415) 954-4114

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. SUNESIS.001A	APPLICATION NO. 09/990,421
	APPLICANT Erlanson, et al.	
	FILING DATE November 21, 2001	GROUP 1636

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
JE	1.	4,946,778	8/7/90	Ladner et al.	435	69.6	
	2.	5,422,281	6/6/95	Harris et al.	436	501	
	3.	5,571,681	11/5/96	Janda	435	7.6	
	4.	5,783,384	7/21/98	Verdine	535	6	
	5.	5,958,702	9/28/99	Benner	435	7.1	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JE	6.	EP 0 801 307	10/15/97	EP				
	7.	WO 95/18972	7/13/95	PCT				
	8.	WO 95/25737	9/28/95	PCT				
	9.	WO 96/13613	5/9/96	PCT				
	10.	WO 96/27605	9/12/96	PCT				
	11.	WO 97/12897	4/10/97	PCT				
	12.	WO 97/35202	11/20/97	PCT				
	13.	WO 97/43302	11/20/97	PCT				
	14.	WO 98/11436	3/19/98	PCT				
	15.	WO 98/11437	3/19/98	PCT				
	16.	WO 98/15969	4/16/98	PCT				
	17.	WO 98/25146	6/11/98	PCT				

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
SUNESIS.001A

APPLICATION NO.
09/990,421

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Erlanson, et al.

FILING DATE
November 21, 2001

GROUP
1838

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SHEET 3 OF 3

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FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JZ	18.	WO 98/56028	12/10/98	PCT				
	19.	WO 99/50668	10/07/99	PCT				
	20.	WO 99/50669	10/7/99	PCT				
	21.	WO 99/63944	12/16/99	PCT				
	22.	WO 00/00823	1/6/00	PCT				
	23.	WO 00/03240	1/20/00	PCT				
	24.	WO 01/02856	1/11/01	PCT				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
JZ	25.	Abraham, D.J. et al., "How Allosteric Effectors Can Bind to the Same Protein Residue and Produce Opposite Shifts in the Allosteric Equilibrium" <u>Biochemistry</u> 34:15006-15020 (1995)
	28.	Boyiri, T. et al., "Bisaldehyde Allosteric Effectors as Molecular Ratchets and Probes" <u>Biochemistry</u> 34:15021-15036 (1995)
	27.	Bunyapaiboonsri et al., "Dynamic Deconvolution of a Pre-Equilibrated Dynamic Combinatorial Library of Acetylcholinesterase Inhibitors" <u>ChemBioChem</u> 2:438-444 (2001)
	28.	DeJarias et al., "Use of X-ray Co-crystal Structures and Molecular Modeling to Design Potent and Selective Non-peptide Inhibitors of Cathepsin K" <u>J. Am. Chem. Soc.</u> 120(35):9114-9115 (1998)
	29.	Erlanson et al., "Site-Directed ligand discovery" <u>PNAS</u> 97(17):9367-9372 (August 15, 2000)
	30.	Foroozesh et al. "Aryl Acetylenes as Mechanism-Based Inhibitors of Cytochrome P450-Dependent Monooxygenase Enzymes" <u>Chem. Res. Toxicol.</u> 10(1):91-102
	31.	Hopkins et al., "Suicide Inhibitor of Cytochrome P450 1A1 and P450 2B1" <u>Biochem. Pharmacol.</u> 44(4):787-796 (1992)
	32.	Huc and Lehn, "Virtual combinatorial libraries: Dynamic generation of molecular and supramolecular diversity by self-assembly" <u>Proc. Natl. Acad. Sci. USA</u> 94:2106-2110 (March 1997)
	33.	Jones and Thornton, "Principles of protein-protein interactions" <u>Proc. Natl. Acad. Sci. USA</u> 93:13-20 (January 1996)
	34.	Lehn, Jean-Marie, "Dynamic Combinatorial Chemistry and Virtual Combinatorial Libraries" <u>Chem. Eur. J.</u> 5(9):2455-2463 (1999)
	35.	Maly et al., "Combinatorial target-guided ligand assembly: identification of potent sybtype-selective c-Src inhibitors" <u>PNAS</u> 97(6):2419-2424 (March 14, 2000)

EXAMINER	DATE CONSIDERED
	6/1/04

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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. SUNESIS.001A	APPLICATION NO. 09/990,421
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Erlanson, et al.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE November 21, 2001	GROUP 1636

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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
JL	36. Mathews et al., "N-Alkylaminobenzotriazoles as Isozyme-Selective Suicide Inhibitors of Rabbit Pulmonary Microsomal Cytochrome P-450" <u>Mol. Pharmacol.</u> 39(10):25-32 (1986)
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	38. Nicolaou et al., "Combinatorial Synthesis Through Disulfide Exchange: Discovery of Potent Psamnaplin A Type Antibacterial Agents Active against Methicillin-Resistant Staphylococcus Aureus (MRSA)" <u>Chem. Eur. J.</u> 7(19):4280-4295 (2001)
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	45. Thompson et al., "Design of potent and selective human cathepsin K inhibitors that span the active site". <u>Proc. Natl. Acad. Sci USA</u> 94:14249014254 (1997)
	46. Wetterau et al., "An MTP Inhibitor That Normalizes Atherogenic Lipprotein Levels in WHHL Rabbists" <u>Science</u> 282:751-754 (October 23, 1998)
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	48. Zhang et al., "Covalent Modification and Active Site-Directed Inactivation of a low Molecular Weight Phosphotyrosyl Protein Phosphatase" <u>Biochemistry</u> 31(6):1701-1711 (1992)

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EXAMINER	DATE CONSIDERED
	6/1/01
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